

## **09.04.04 Software Engineering**

### **Architecture of Modern Intelligent Systems**

The program examines various classes of knowledge-based intelligent systems, as well as various tools and intelligent technologies to support the development of intelligent systems.

#### **Curriculum features**

- Software engineering methodology (software development technology, verification and certification)
- Fundamentals of automated information technologies
- Modern architectures of intelligent systems
- Software Lifecycle Management
- Cybernetic systems programming technology
- Designing databases for cybernetic systems
- Semantic configuration of software systems
- Formalisms in information technologies

#### **Professional opportunities**

- information and communication technologies (in the field of industrial production of software for information and computing systems for various purposes);
- high-tech industries (in the field of software development and maintenance)
- science and technology (in the field of organizing and conducting research and development in the field of Informatics and computer technology).